

Response dated 02/04/05  
Response to Advisory Action dated 1/14/05

Application No. 09/737,098

### REMARKS

With this response, claims 1, 4-9, 12-15, 18-22, and 27-29 are pending. Claims 1, 2, 4-10, 12-16, 18-22, and 24-29 are rejected by the Office Action. The Applicant is canceling claims 2, 10, 16, and 23-26. Claims 3, 11, and 17 were previously cancelled.

The Applicant thanks the Examiner for the telephonic interview on November 30, 2004, in which the features of claims 22, 24, 25, 26, 27, 28, and 29 were discussed. The claimed feature of "a conversion module that transforms a first digit and a second digit into a letter, wherein the first digit identifies a group of letters and the second digit identifies the letter within the group, and wherein the first digit and the second digit are entered by the caller" and the teachings of U.S. Patent No. 4,135,662 (Dlugos) were discussed.

The Applicant further thanks the Examiner for the telephonic interview on January 25, 2005, in which the Advisory Action was discussed. As suggested by the Examiner, the Applicant is filing this paper in response to the Advisory Action mailed on January 14, 2005.

### Entering Claim Amendments

In the Applicant's response to the final Office Action, the Applicant amended claims 1, 9, 15, 21, and 22. However, the Advisory Action stated that the amendments were not entered and alleged that the amendments would raise new issues and that the amendments would entail further consideration and/or new search. However, as discussed with the Examiner on January 25, 2005, the amendments do not raise new issues. All of the amendments are consistent with the telephonic interview on November 30, 2004. Moreover, independent claims 1, 9, and 15 were amended to include only the subject matter of dependent claims 2, 24, 10, 25, 16, and 26 without the introduction of any new subject matter. Independent claims 21 and 22 were amended in concert with the

Response dated 02/04/05  
Response to Advisory Action dated 1/14/05

Application No. 09/737,098

telephonic interview on November 30, 2004. Independent claim 27 was not amended. Thus, the Applicant is requesting that the claim amendments be entered and that the Examiner reconsider allowance of the claims in light of the following discussion that was previously submitted in the Applicant's response to the final Office Action.

**Claims Rejections**

**35 U.S.C. §103 Rejections**

Claims 1-2 and 4-8 are rejected by the Office Action under 35 U.S.C. 103(a) as allegedly being unpatentable over US 5,901,214 (Schaffer) in view of US 6,253,069 (Mankovitz) and US 4,768,144 (Winter). The Applicant has amended independent claim 1 to include "a plurality of modems for converting a dual-tone multi-frequency (DTMF) signal into at least one digit" and "a conversion module that transforms a first digit and a second digit into a letter, wherein the first digit identifies a group of letters and the second digit identifies the letter within the group, and wherein the first digit and the second digit are entered by the caller." The combination of Schaffer, Mankovitz, and Winter does not suggest these features. (Furthermore, as will be discussed with claim 24, Dlugos does not teach or even suggest these features.) Moreover, claims 4-8 ultimately depend from claim 1 and are patentable for at least the above reasons. The Applicant has cancelled claim 2. Thus, the Applicant requests reconsideration of claims 1 and 4-8.

Claims 9-10 and 12-14 are rejected by the Office Action under 35 U.S.C. 103(a) as allegedly being unpatentable over Shaffer in view of Winter and U.S. Patent No. 6,446,111 (Lowery). The Applicant has amended claim 9 to include "a plurality of modems for converting a dual-tone multi-frequency (DMTF) signal into at least one digit" and "a conversion module that transforms a first digit and a second digit into a letter, wherein the first digit identifies a group of letters and the second

Response dated 02/04/05  
Response to Advisory Action dated 1/14/05

Application No. 09/737,098

digit identifies the letter within the group, and wherein the first digit and the second digit are entered by the caller." The combination of Shaffer, Winter, and Lowry does not teach these features. (Furthermore, as will be discussed with claim 24, Dlugos does not teach or even suggest these features.) Moreover, claims 12-14 ultimately depend from claim 9 and are patentable for at least the above reasons. The Applicant has cancelled claim 10. Thus, the Applicant requests reconsideration of claims 9 and 12-14.

Claims 15-16 and 18-20 are rejected by the Office Action under 35 U.S.C. 103(a) as allegedly being unpatentable over Shaffer in view of Winter. The Applicant has amended claim 15 to include "a plurality of modems for converting a dual-tone multi-frequency (DTMF) signal into at least one digit" and "a conversion module that transforms a first digit and a second digit into a letter, wherein the first digit identifies a group of letters and the second digit identifies the letter within the group, and wherein the first digit and the second digit are entered by the caller." The combination of Shaffer and Winter does not teach these features. (Furthermore, as will be discussed with claim 24, Dlugos does not teach or even suggest this feature.) Moreover, claims 18-20 ultimately depend from claim 15 and are patentable for at least the above reasons. The Applicant has cancelled claim 16. Thus, the Applicant requests reconsideration of claims 15 and 18-20.

Claims 21 and 22 are rejected by the Office Action under 35 U.S.C 103(a) as allegedly being unpatentable over Shaffer in view of Mankovitz, Winter and Lowery. The Applicant has amended claim 21 to include the feature of "means for receiving a plurality of two-character responses from the caller, wherein each two-character response represents a single ASCII character, and wherein each said **two-character response corresponds to a plurality of keystrokes entered by the user.**" (Emphasis added.) The combination of Shaffer, Mankovitz, Winter, and Lowery does not suggest

Response dated 02/04/05  
Response to Advisory Action dated 1/14/05

Application No. 09/737,098

this feature. The Office Action alleges that Winter teaches "each two-character response represents a single ASCII character (column 13, lines 35-42) [The two characters of information are generated, the first character is an ASCII code and the second is an {EOF} of text]." As cited by the Office Action, Winter does disclose (Column 13, lines 35-42. Emphasis added.):

In general, whenever a key is pressed, two characters of information are generated by the terminal and are sent over the telephone line to the host computer. The first character is an ASCII character code. For example, the code may indicate a lower case "n". The second character is an end of text (EOT) character to indicate to the host computer to enter and to commence the function.

It appears that Winter merely teaches that the second character is generated by the terminal and not by the user entering the character. (Only a single key is pressed, i.e., there is only one keystroke.) Similarly, claim 22 includes the feature of "receiving a plurality of character responses from the caller to form a request, wherein each response represents a single ASCII character. wherein step (b) comprises receiving a plurality of two-character responses from the caller, wherein each two-character response represents a single ASCII character, wherein each said two-character response corresponds to a plurality of keystrokes, and wherein each two-character response corresponds to a plurality of input entries from the caller" and is patentable for at least the above reasons. The Applicant requests reconsideration of claims 21 and 22.

Claims 24 and 27-29 are rejected by the Office Action under 35 U.S.C. 103(a) as allegedly being unpatentable over Shaffer in view of Mankovitz, Winter, and US 4,135,662 (Dlugos). The Applicant has previously amended claim 24 to include the feature of "a conversion module that transforms a first digit and a second digit into a letter, wherein the first digit identifies a group of letters and the second digit identifies the letter within the group, and **wherein the first digit and the second digit are entered by the caller.** (Emphasis added.) Dlugos does teach (Column 6, lines 18-23. Emphasis added.)

Response dated 02/04/05  
Response to Advisory Action dated 1/14/05

Application No. 09/737,098

The programmable logic array 56a receives either the BCD DIGIT SIGNALS (a-d) or the ERROR SIGNALS (A-G) and converts such signals directly into letter or numeral segment codes which are sequentially pulled to place either numerical data or prompting messages into the display 22a.

However, Dlugos teaches that either BCD DIGIT SIGNALS or ERROR SIGNALS (but not both digits) are used by microprocessor 16 (as shown in Figure 16) and disclosed in Dlugos (column 4, line 61 – column 5, line 42). The Applicant has cancelled claim 24 but has included the features of claims 2 and 24 into claim 1 as amended. Similarly, claim 27 includes the feature of “a conversion module that transforms a first digit and a second digit into a letter, wherein the first digit identifies a group of letters and the second digit identifies the letter within the group, and wherein the first digit and the second digit are entered by the caller” and is patentable for at least the above reasons. Moreover, claims 28-29 ultimately depend from claim 27. The Applicant requests reconsideration of claims 27-29.

Claim 25 is rejected by the Office Action under 35 U.S.C. 103(a) as allegedly being unpatentable over Shaffer in view of Winter, Lowery and Dlugos. The above discussion regarding claim 24 applies. The Applicant has cancelled claim 25 and has incorporated the features of claims 10 and 25 into claim 9.

Claim 26 is rejected under the Office Action under 35 U.S.C. 103(a) as allegedly being unpatentable over Shaffer in view of Winter and Dlugos. The above discussion regarding claim 24 applies. The Applicant has cancelled claim 26 and has incorporated the features of claims 16 and 26 into claim 15.

Response dated 02/04/05  
Response to Advisory Action dated 1/14/05

Application No. 09/737,098

**CONCLUSION**

All objections and rejections have been addressed. Hence, it is respectfully submitted that the present application is in condition for allowance, and a notice to that effect is earnestly solicited.

Respectfully submitted,

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